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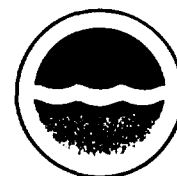
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## Patterson Schafer, Incorporated

February 24, 1989

Mr. S. A. Silverstein  
Energy & Environmental Affairs  
Cerro Copper Products Co.  
P.O. Box 681  
East St. Louis, IL 62202



Environmental  
Consultants

Dear Sandy:

Enclosed is the first draft of the application to the IEPA for a permit to construct the metals recovery unit from air pollution control scrubber water in the Anode Casting process area. I talked to Mr. Paul Takacs at IEPA, Springfield, who was very helpful. I used some of his comments in drafting the cover letter.

Some of the points I would like you to address include:

1. Note the titles on the blue prints to accompany the application. "Anode Wastewater Treatment" is different from what we had discussed.
2. I forward two original typed copies of the first part of the application on which to collect original signatures. I don't remember who the design P.E. was, but he will need to certify with his seal in that part of the application. ?
3. Need Joe Burrough's certificate or registration number. ?
4. Need (estimated) final concentration values after treatment. Note the inclusion of Cadmium values. I got all the untreated values including Cadmium from the December 1988 Sverdrup report that was sent to both USEPA and IEPA on January 13, 1989.
5. Please note the section on sludge disposition.
6. Need tank volume capacities.

I will incorporate comments by telephone and try to get this completed as soon as possible.

Cordially,

Carl J. Schafer

CJS/mh  
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cc: Mr. Paul Tandler  
Ms. Susan Franzetti  
Dr. James Patterson

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